

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2005/000486

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H02J7/34 H01G9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02J H01G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 437 544 B1 (YANG TAI-HER) 20 August 2002 (2002-08-20)	1,2,10, 11,18, 19,26, 27,29
Y	column 1, line 66 - column 3, line 27; figures 1,3,5	3-9, 12-17, 20-25, 28,30
Y	US 6 373 152 B1 (WANG PEI-JEN ET AL) 16 April 2002 (2002-04-16) abstract; figure 6 column 4, line 47 - column 5, line 46 ----- -/--	3,4,12, 13,17, 20-25, 28,30

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

9 May 2005

Date of mailing of the international search report

02.08.05

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl
Fax (+31-70) 340-3016

Authorized officer

Zeng, W

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2005/000486

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 653 798 A (PHILIPS PATENTVERWALTUNG GMBH; PHILIPS ELECTRONICS N.V) 17 May 1995 (1995-05-17) abstract; figures 1-3 column 1, line 5 - line 54 column 3, line 3 - line 38 -----	5-9
Y	US 5 224 928 A (SIBALIS ET AL) 6 July 1993 (1993-07-06) column 4, line 18 - column 4, line 66; figures 1,2 -----	14-16
A	PATENT ABSTRACTS OF JAPAN vol. 014, no. 278 (E-0941), 15 June 1990 (1990-06-15) & JP 02 087512 A (MURATA MFG CO LTD), 28 March 1990 (1990-03-28) abstract -----	5-9
A	US 5 821 006 A (PATEL ET AL) 13 October 1998 (1998-10-13) abstract; figures 2-6 -----	12-14
A	US 3 705 542 A (NICHOLAS GOLD) 12 December 1972 (1972-12-12) column 2, line 31 - column 3, line 24; figures 1,2 -----	14-16

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2005/000486

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-30

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-30

supplying an electric device requiring constant voltage from
a capacitor

2. claims: 1,18,31-42

how to dispense a volatile compound in a device

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2005/000486

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6437544	B1	20-08-2002	NONE
US 6373152	B1	16-04-2002	JP 2001218381 A 10-08-2001
EP 0653798	A	17-05-1995	DE 4337786 A1 11-05-1995 EP 0653798 A1 17-05-1995 JP 7192770 A 28-07-1995
US 5224928	A	06-07-1993	US 4557723 A 10-12-1985 US 4622031 A 11-11-1986 US 4640689 A 03-02-1987 US 5591123 A 07-01-1997 US 5865786 A 02-02-1999 US 5135479 A 04-08-1992 US 5746711 A 05-05-1998 AT 45290 T 15-08-1989 AU 563137 B2 25-06-1987 AU 3185084 A 21-02-1985 BR 8404119 A 16-07-1985 BR 8504939 A 22-07-1986 CA 1224993 A1 04-08-1987 DE 3479294 D1 14-09-1989 EP 0147524 A1 10-07-1985 JP 1764538 C 28-05-1993 JP 4056627 B 09-09-1992 JP 60060860 A 08-04-1985 KR 9305050 B1 15-06-1993 MX 158181 A 13-01-1989 US 4808152 A 28-02-1989 US 4883457 A 28-11-1989 US 5605536 A 25-02-1997 US 4919648 A 24-04-1990 US 4921475 A 01-05-1990 US 5653682 A 05-08-1997 US 5651768 A 29-07-1997 US 5167617 A 01-12-1992 US 5087240 A 11-02-1992 US 6129696 A 10-10-2000 US 5976101 A 02-11-1999 US 5931804 A 03-08-1999 US 4708716 A 24-11-1987 US 5358483 A 25-10-1994 AR 241261 A1 30-04-1992 AT 92775 T 15-08-1993 AT 168570 T 15-08-1998 AU 580585 B2 19-01-1989 AU 3935285 A 02-05-1986 CA 1226777 A1 15-09-1987 DE 3587518 D1 16-09-1993 DE 3587518 T2 02-12-1993 DE 3588190 D1 27-08-1998 DE 3588190 T2 04-02-1999 EP 0178601 A2 23-04-1986 EP 0197937 A1 22-10-1986 EP 0513879 A2 19-11-1992 IT 1186798 B 16-12-1987 JP 1828721 C 15-03-1994 JP 61100264 A 19-05-1986

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2005/000486

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 02087512	A	28-03-1990	NONE	
US 5821006	A	13-10-1998	NONE	
US 3705542	A	12-12-1972	AU 464360 B2	01-08-1975
			AU 4136072 A	25-10-1973
			BE 782471 A1	23-10-1972
			CA 996390 A1	07-09-1976
			CA 1012811 A2	28-06-1977
			DE 2219731 A1	16-11-1972
			FR 2136547 A5	22-12-1972
			GB 1348203 A	13-03-1974
			IT 952737 B	30-07-1973
			JP 48049427 A	12-07-1973
			JP 55034409 B	06-09-1980
			NL 7205419 A	24-10-1972

BEST AVAILABLE COPY